International application No.

PCT/SE 2003/002039

A. CLASSIFICATION OF SUBJECT MATTER				
IPC7: H04L 25/02 // H04B 7/005, H04B 7/06, H04L 27/26 According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols)				
IPC7: H04B, H04L				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  SE,DK,FI,NO classes as above				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
EPO-INTERNAL, WPI DATA, PAJ, INSPEC				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category* Citation of document, with indication, where ap	propriate, of the relevant passages Relevant to claim No.			
estimation and prediction of channels" In: IEEE INTERNATIONAL CONF SPEECH, AND SIGNAL PROCESSI PROCEEDINGS. 2000. Istanbul	In: IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, 2000. ICASSP '00. PROCEEDINGS. 2000. Istanbul, Turkey 5-9 June 2000,			
vol. 5, pages 2545-2548, IN see chapter 1. Introduction	Vol. 5, pages 2545-2548, INSPEC AN: 6770444, see chapter 1. Introduction and Abstract			
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X Further documents are listed in the continuation of Bo	x C. See patent family annex.			
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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	step when the document is taken alone  "Y" document of particular relevance: the claimed invention cannot be			
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Date of the actual completion of the international search 13 July 2004	Date of mailing of the international search report  1 5 -07- 2004			
Name and mailing address of the ISA/  Authorized officer  Swedish Patent Office				
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C (Continua	ation). DOCUMENTS CONSIDERED TO BE RELEVANT	•	
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A	VISOTSKY, E. et al. "Space-time transmit stra and channel feedback generation for wirel channels" In: CONFERENCE RECORD OF THE THIRTY-FOURT CONFERENCE ON SIGNALS, SYSTEMS AND COMPUT Pacific Grove, CA, USA, 29 Oct - 01 Nov 2 Vol. 2, pages 1593-1597, INSPEC AN: 70423 see chapters 3. Analog Feedback and 4. Fi Designs	ess fading H ASILOMAR ERS, 2000. 000, 18,	1-25
A .	GERLACH, D. et al. "Adaptive transmitting ant arrays with feedback" In: IEEE SIGNAL PROCESSING LETTERS, Octob Vol 1, pages 150-152, ISSN: 1070-9908, IN 4801676, see chapters II Problem statemen assumpt. III Incorporation of feedback	er 1994, SPEC AN:	1-25
A	PAPANTONIOU, S.J. "A multipath channel model mobile-radio communications" In: THIRD IEEE INTERNATIONAL SYMPOSIUM ON INDOOR AND MOBILE RADIO COMMUNICATIONS, 1 PROCEEDINGS, PIMRC '92, Boston, MA, USA, 19-21 Oct 1992, pages 92-97, INSPEC AN 46 see Abstract	PERSONAL, 992.	1-25
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